

Toxoplasma gondii GRA1(25-190)(RH) Recombinant Protein

PX-P1093-10

DESCRIPTION

Dense granules are specific secretory organelles. Dense granule protein 1 (GRA1) of *Toxoplasma gondii* is located in the dense granules of two forms: tachyzoite and bradyzoite. It has an immunoprophylactic interest in toxoplasmosis.

OVERVIEW

SIZE	10 ug
ORIGIN SPECIES	<i>Toxoplasma gondii</i>
FRAGMENT	Partial
PROTEIN DELIVERED WITH TAG	Yes
MOLECULAR WEIGHT WITH TAG IF ANY	22,92 kDa
DELIVERY CONDITION	Dry Ice

PRODUCT INFORMATION

EXPRESSION SYSTEM	Prokaryotic expression
HOST	E.coli
PURITY	>95%
PROTEIN ACCESSION	P13403.1
FORM	liquid
BUFFER	PBS, imidazole 300mM
STABILITY & STORAGE	4°C for short term (1 week), -20°C or -80°C for long term (avoid freezing/thawing cycles; addition of 20-40% glycerol improves cryoprotection)

MORE INFO

GENE ID

SWISSPROTID

P13403

UNIPROT ID

P13403

UNIPROT LINK

<http://www.uniprot.org/uniprot/P13403>

NCBI GENE ALIASES

SYNONYMS

GRA1(25-190)(RH) (=14), Dense granule protein 1 , Protein GRA 1, Major antigen p24, Dense granule protein 1

PROTEIN SEQUENCE

MHHHHHSSGLVPRGSGMKETAAAKFERQHMDSPDLAEGGDNQSSAVSDRASLFGLLSGGTGQGLGIGESVDLEMMGNTY
RVERPTGNPDLKIAIKASDGSYSEVGNVNVVEVIDTMKSMQRDEDIFLRALNKGETVEEAIEDVAQAEGLNSEQTLQLE
DAVSAVASVVQDEMVIDDVQLEKDKQQLKDDIGFLTGERELEHHHHHHH*

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